



# Southeast Regional Logistics Engineering Center (SERLEC) Pilot

R. Travis  
NSLC,  
Jacksonville

## Participants Briefing

D. Shackelford  
PEO TSC-F332

# BACKGROUND

- NSA IPT established to investigate Fleet reports of incomplete configuration change reporting and unsupported equipment installations (Feb 00)
- Regional solution endorsed (Mar 01)
- Regional Logistics Engineering Center (RLEC) Project Plan established (Jun 01)
- Southeast Regional Logistics Engineering Center (SERLEC) Pilot approved (Sep 01)

# FLEET CONCERNS

- Unsupported alterations, declining budgets
- Weaknesses in both policy/compliance
- No central repository or organization responsible for tracking/resolving ILS deficiencies
- IMA/FMA not reporting configuration changes for AERs/PYWIs no logistics support provided
- Multiple logistics in-briefs from various waterfront organizations

# FLEET CONCERNS (con't)

---

- Validation redundancies – for some ship classes there is little or no validation efforts
- Lack of standard logistics procedures/business rules across the different platforms in each region
- Duplication of Functions, support services/infrastructure
- No standard procedure/organization responsible for enforcement of AIT logistics product delivery inside/outside availabilities
- Inability to accurately assess configuration accuracy and attainment of established goals

# PRIMARY SYSTEMIC ISSUES

---

- LACK OF AIT CONTROL
- LACK OF OSLRs FOR EVERY SHIP CLASS
- LACK OF UNIVERSAL USE OF CDMD-OA
  - PROLIFERATION OF STAND-ALONE DATABASES
- LACK OF CONSISTENT POLICY/SOPs
  - MULTIPLE CONFLICTING POLICY DOCUMENTS (FMP, 3M, TECH SPEC 9090-310, NAVAL MESSAGES, ETC.)
  - NO STANDARD PROCEDURES FOR CDMs, ISEAs, NSAs, AITs
- LACK OF POLICY ENFORCEMENT
  - CNO WAIVER AUTHORITY
- LACK OF COMMON DATA ENVIRONMENT
  - NO SINGLE ENTRY/COMMON VISIBILITY OF DATA

# PROCESS IMPROVEMENTS

---

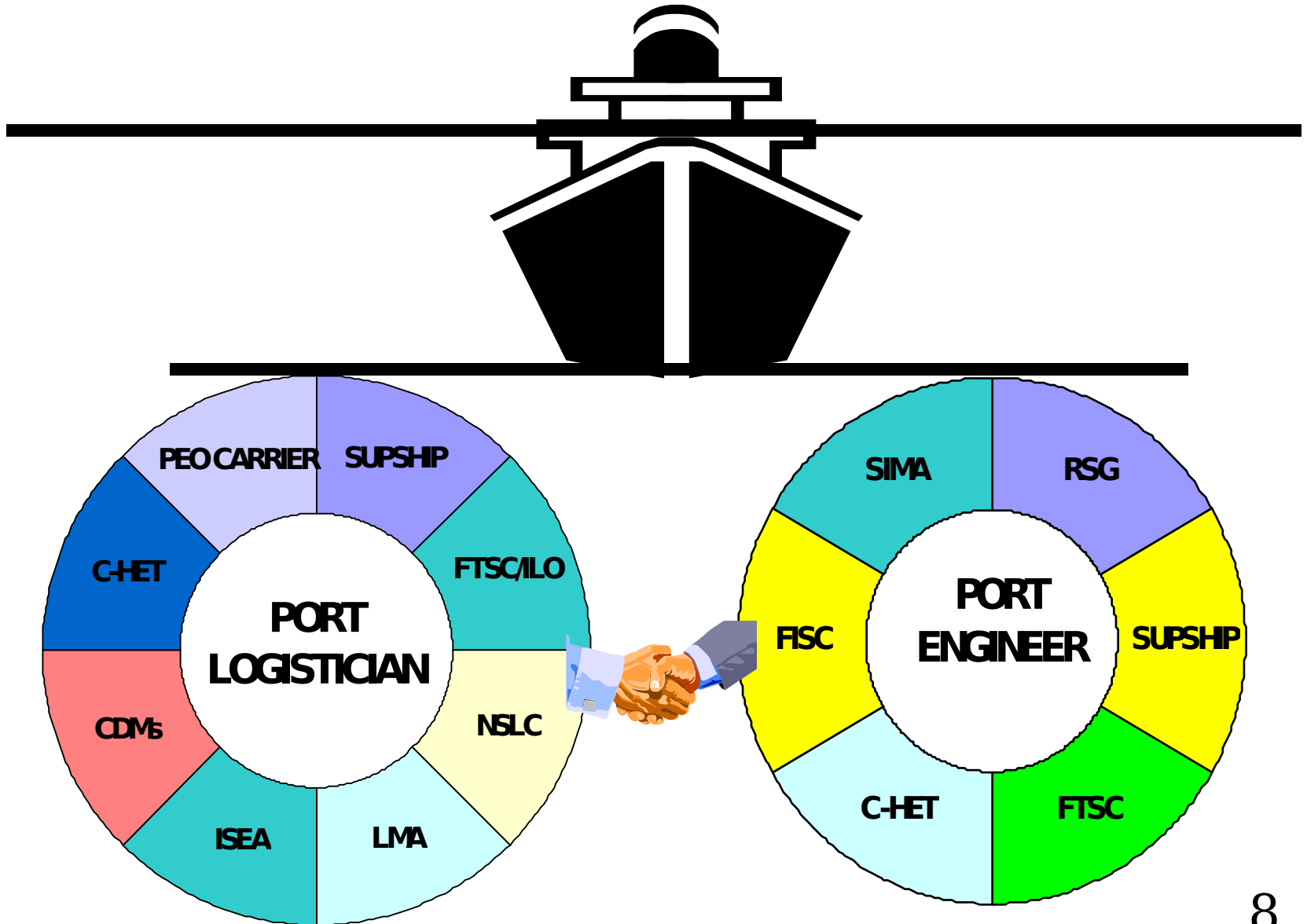
AIT CONTROL	RMMCO/AMP	✓
CDM OSLR	PORT LOG	FY-03
CDMD-0A	ISSUE POLICY	✓
POLICY	ALIGN POLICY	FY-02
SOPs	CDM/ISEA WG	FY-02
	RLEC	FY-03
ENFORCEMENT	RMMCO	✓
	PORT LOG	FY-03
DATA ENVIR	ERP	FY-05

# SERLEC OBJECTIVES

---

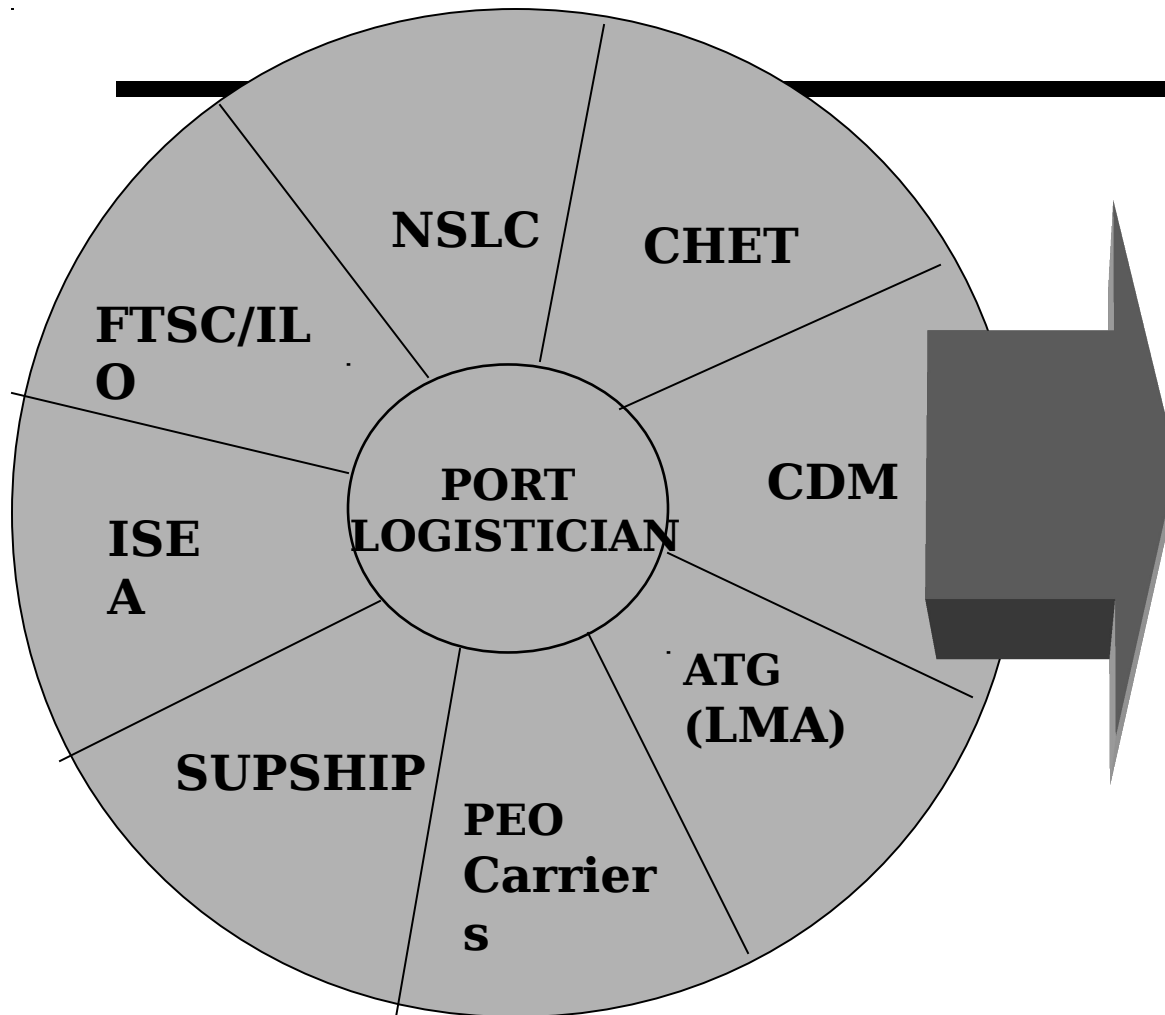
- Create a fully integrated logistics engineering team in the region modeled after RMC concept
- Establish Port Logistician Role
  - Serve as the Ships Logistics Advocate to ensure Overall Logistics Health of a Ship
  - Ensure Life Cycle Support of Installed Systems and follow-up/delivery of all deficiencies in logistics support
- Eliminate duplications of effort/reduce cost
- Improve ship configuration accuracy
- Eliminate unsupported installations

# TOTAL SHIP SUPPORT





# SERLEC GOALS



- **Improve configuration management accuracy and logistics support for ships**
- **Streamline/standardize processes**
- **Eliminate duplications of effort**
- **Maximizing utilization of existing resources**
- **Reduction of fleet workload**
- **Consolidation of waterfront efforts**
- **Ensure adequate logistics coverage for**

# PORT LOGISTICIAN FUNCTIONS

- Port Logistician designated for each ship
- Work hand in hand with ship's Port Engineer
- Ensure delivery/receipt of complete logistics support/proactive surveillance
- Track ILS waivers/deficiencies to completion
- Ensure completion/delivery of ILS certifications
- Coordinate logistics support/eliminate duplications of effort
- Ensure IMA/FMA configuration change reporting
- Manage Regional Validations

# BENEFITS OF CONDUCTING SERLEC PILOT IN MAYPORT

- Variety of Surface Ships, SUPSHIP, FTSC, ILO, CHET, NSLC, SERMC and SIMA
- Region has demonstrated unprecedented cooperative effort between all activities
- Size is small and manageable enough to test all aspects of the project
- NSLC Jacksonville is Lead in implementing SERLEC solution and is located in Mayport

# SERLEC PILOT

- Comprised of the following waterfront Fleet Activities

Organization/Industry Partner	Logistics/Engineering Role
NSLC Jacksonville	Port Logistician
PEO TSC	PEO TSC Project Lead
PEO Carriers/CNAL	CV-67 Logistics Support Center (LSC) Representative/AIT Coordinator
ILO Jacksonville	ILO Team
Bath Iron Works	CDM OSLR - FFG/DDG
Ingalls	CDM OSLR - DD/CG
CHET	ISEA/ ILS Representative/NSWC-PHD Logistics Representative
SUPSHIP Jacksonville	SUPSHIP ILS Manager
Afloat Training Group (ATG)	Logistics Management Assessment (LMA)
FTSC LANT DET Mayport	ISEA Logistics Rep

# PILOT APPROACH

- During Pilot Implementation period, NSLC Jacksonville will:
  - Provide NSLC resources throughout duration of project
  - Brief all Logistics, Maintenance and Engineering Organizations in the Southeast Region on the SERLEC Pilot to secure their participation and support
  - Provide assistance in the derivation of the business/functional requirements
  - Document business solutions to stated operational requirements
  - Identify business and procedural impacts of implementation
  - Serve as the NAVSEA Project Manager and Technical Lead
  - Assist in the Development of Standard Processes and Procedures

# PILOT OBJECTIVES

- Develop the Port Logistician Role and Ratio to Ships Determination
- Provide Assistance in the consultative process regarding the change management processes and the impacts of the Pilot Project
- Develop Specific Training Materials required for the Project
- Implement SERLEC at the Pilot Site
- Provide Help Desk Support for Pilot Project implementation
- Integrate Help Desk Support with NAVSEA Anchor Desk

Co-location, to the greatest extent possible, will be pursued for the NSLC, Port Logisticians, PEO-

TSC Project Lead, ILO Team, CDM OSLRs, CHET ILS Representative and NSWC-PHD Log Rep

in order to facilitate attainment of the established project goals and objectives.

In that 18 of the 19

ships homeported in Mayport are surface combatants, a Memorandum of Agreement (MOA) has been executed with PEO TSC to ensure pilot

# SERLEC COMMUNICATION AND ORGANIZATION INTERFACES

---

- Establish Project Management Team
  - Comprised of Nominated Regional Reps.
  - Monitor Implementation
  - Ensure Coordinated Approach Taken
- Establish Communication Plan
  - Manage Various Communication Aspects
  - Ensure Decisions and Related Activities are Effectively Communicated to
    - Appropriate Organizations
    - Policy Groups
    - Personnel

erative that Effective Communication Channels be Established  
and Maintained throughout the Pilot Implementation Phases

# PILOT DELIVERABLES

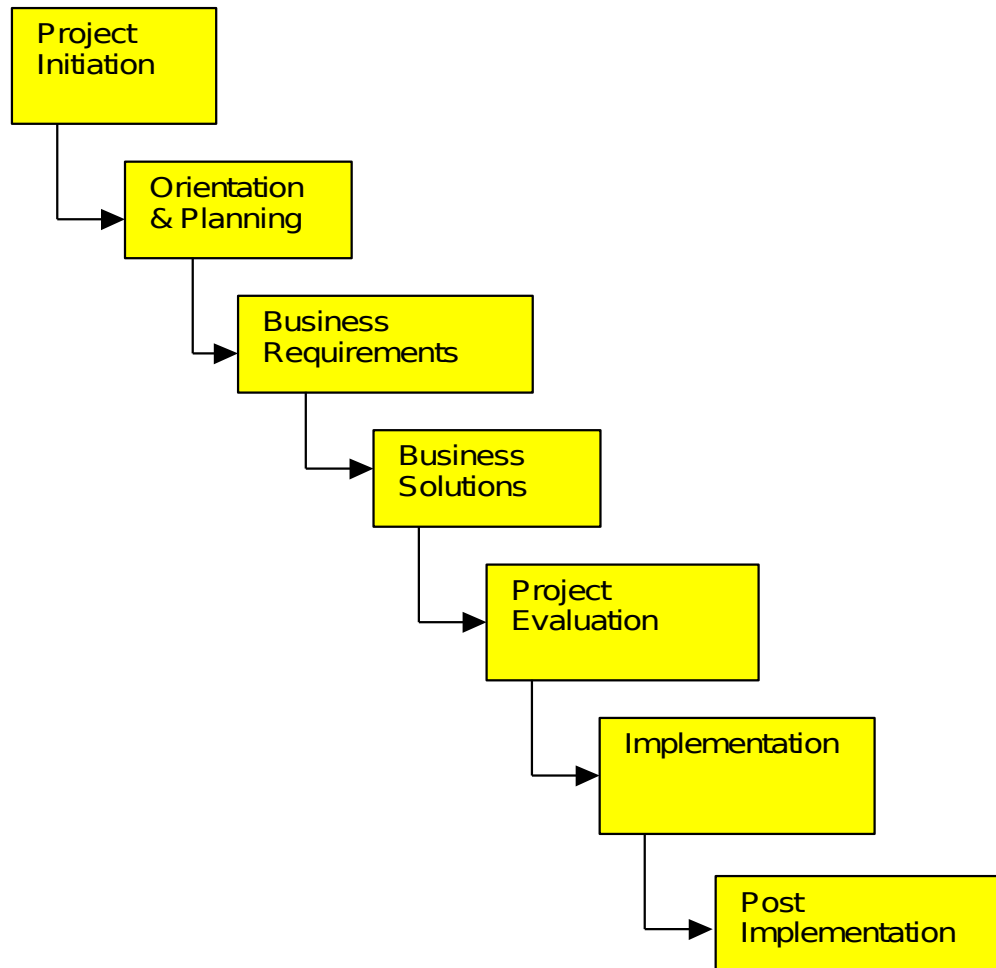
- Functional requirements and responsibilities of all waterfront logistics engineering organizations and representatives
- Process mapping to identify any gaps and duplications of effort in logistics engineering Fleet support
- Template of regional integrated/standardized logistics processes and procedures for use across ship platforms
- SERLEC organizational/relationship model
- Description of SERLEC roles and responsibilities for AIT policy enforcement and gate-keeping
- List of all identified AIS functional requirements for inclusion in the NDE-ILS module currently under development
- Performance indicators and metrics



# PILOT DELIVERABLES (cont.)

- SERLEC MOA template
- Recommended Port Logistician to ship ratio
- Draft of applicable policy changes
- Standard regional logistics training materials
- Port Logistician duties and responsibilities/SOW (Government/Contractor) and Personnel Qualification Requirements
- Lessons Learned
- Business Case Analysis (BCA) for the project
- Pilot Project Final Report & Evaluation
- Project Management Plan
- Updated POA&M for Navy-wide Implementation

# PILOT PROJECT IMPLEMENTATION MODEL



# CRITERIA FOR SUCCESS

- Criteria For Success
  - Establishment of a fully integrated Logistics Engineering Support Team model Comprised of all Waterfront Logistics Organizations and Representatives
  - Attainment of Established Pilot Project goals and Objectives
  - Delivery of all Identified Documentation and Pilot Project Deliverables
  - Demonstrated Progress toward the Primary Goals and Objectives for the SERLEC Project

# SERLEC Pilot POA&M (by FY Qtr)

